

LISTING OF THE CLAIMS

1 **Claim 1 (Previously amended):** A controller for medium voltage electrical
2 equipment, said controller comprising:

3 a first casting forming a bus connector and a first switch contact;

4 a second casting forming a second switch contact and a first fuse holder;

5 a third casting forming a first switch blade and pivotably connected to said second switch
6 contact;

7 a housing containing said first switch contact, said second switch contact, and said first
8 switch blade;

9 wherein a disconnect switch includes said first switch contact, said second switch contact,
10 said first switch blade, and said housing, with said disconnect switch in a closed position, an
11 electrical circuit is formed through said first casting, said second casting, and said third casting.

1 **Claim 2 (Original):** The controller of Claim 1 further comprising a fourth casting
2 forming a second fuse holder.

1 **Claim 3 (Previously amended):** The controller of Claim 1 further comprising a fifth
2 casting forming a second switch blade, said first switch blade and said second switch blade
3 pivotably connected to opposite sides of said second switch contact.

1 **Claim 4 (Previously amended):** The controller of Claim 1 further comprising a
2 ground strap having a grounding contact adapted for grounding said first switch blade when said
3 disconnect switch is in said open position.

1 **Claim 5 (Original):** The controller of Claim 1 further comprising a window in said
2 housing and a switch illuminator having a manual switch, a power supply, and a lamp directing
3 illumination into said housing.

1 **Claim 6 (Original):** The controller of Claim 1 further comprising:

2 a truck for supporting a contactor, said truck having a pair of front wheels and a pair of
3 rear wheels riding on a pair of fixed rails; and

4 a racking assembly including a pair of racking rails having a handle at a first end and a
5 pivot at a second end, said pivot connected to a front end of said pair of fixed rails, said racking
6 assembly adapted to rotate between a lower position and an upright position, said truck riding on
7 said pair of racking rails when said racking assembly is in said lowered position, said racking
8 assembly adapted to push said pair of front wheels towards a rear end of said pair of fixed rails,
9 wherein said racking assembly provides a motive force pushing said truck into a racked position
10 when said racking assembly is rotated to said upright position.

1 **Claim 7 (Previously amended):** A controller for medium voltage electrical
2 equipment, said controller comprising:

3 a first casting forming a bus connector and a first switch contact;

4 a second casting forming a second switch contact and a first fuse holder;

5 a third casting forming a first switch blade and pivotably connected to said second switch
6 contact;

7 a fourth casting forming a second fuse holder;

8 a ground strap having a grounding contact adapted for grounding said first switch wiper;

9 a housing having a window and containing said first switch contact, said second switch
10 contact, and said first switch blade;

11 a switch illuminator having a manual switch, a power supply, and a lamp directing
12 illumination into said housing;

13 wherein a disconnect switch includes said first switch contact, said second switch contact,
14 said first switch blade, and said housing, with said disconnect switch in a closed position, an
15 electrical circuit is formed through said first casting, said second casting, and said third casting;

16 a truck for supporting a contactor, said truck having a pair of front wheels and a pair of
17 rear wheels riding on a pair of fixed rails; and

18 a racking assembly including a pair of racking rails having a handle at a first end and a
19 pivot at a second end, said pivot connected to a front end of said pair of fixed rails, said racking
20 assembly adapted to rotate between a lower position and an upright position, said truck riding on
21 said pair of racking rails when said racking assembly is in said lowered position, said racking
22 assembly adapted to push said pair of front wheels towards a rear end of said pair of fixed rails,
23 wherein said racking assembly provides a motive force pushing said truck into a racked position
24 when said racking assembly is rotated to said upright position.

1 **Claim 8 (Canceled)**

1 **Claim 9 (New):** A controller for medium voltage electrical equipment, said controller
2 comprising:

3 a first switch contact electrically connected to a bus connector;

4 a second switch contact electrically connected to a fuse holder;

5 a first switch blade electrically connecting said first and second switch contacts when the
6 disconnect switch is in the closed position;

7 a housing for enclosing said first and second switch contacts and said first switch blade,
8 said housing defining a window for viewing said first and second switch contacts and said first
9 switch blade for visually determining the open or closed state of the disconnect switch; and

10 a lamp for illuminating said first and second switch contacts and said first switch blade.